

<p align="center">INFORMATION DISCLOSURE STATEMENT</p> <p align="center">PTO-1449</p> <p align="center">Page 1 of 4</p>	<p>Atty. Docket No. NPR-171</p>	<p>Serial No. 10/540,621 (unofficial)</p>
	<p>Applicant: Nobutoshi DOI et al.</p>	
	<p>Filing Date: August 18, 2005</p>	<p>Group: Unknown</p>

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
/TN/	UA	2002/0161450 A1	10/31/02	Doi et al.	623	23.71	
↓	UB	4,870,966	10/03/89	Dellon et al.	128	334 R	
↓	UC	6,090,117	07/00	Shimizu	606	152	
↓	UD	6,156,575	12/00	Bellamkonda et al.	435	395	
↓	UE	6,214,021	04/01	Hadlock et al.	606	152	
↓	UF	5,735,863	04/07/98	Della Valle et al.	606	152	

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
/TN/	FA	5-237139 A	09/17/05	JP	Abstract
↓	FB	88/06871 A1	09/22/88	WO	
↓	FC	0 945 145 A1	09/29/99	EP	
↓	FD	02/47557 A1	06/20/02	WO	

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OTHER DOCUMENTS

Examiner's Initial		
/TN/	DA	Rosen, Joseph M. et al., "Fascicular Sutureless and Suture Repair of the Peripheral Nerves", <i>Orthopaedic Review</i> , Vol. VIII, No. 4, 1979, pp. 85-92.
	DB	Reid, R. L. et al.; "Biodegradable Cuff an Adjunct to Peripheral Nerve Repair: A Study in Dogs"; <i>The Hand</i> ; vol. 10, no. 3, pp. 259-266; 1978
	DC	Henderson, C. E. et al.; "Denervation Increases a Neurite-promoting Activity in Extracts of Skeletal Muscle"; <i>Nature</i> ; vol. 302, pp. 609-611; 1983
	DD	Mackinnon, S. E.; "Nerve Regeneration Through a Pseudosynovial Sheath in a Primate Model"; <i>Plastic and Reconstructive Surgery</i> ; vol. 75, no. 6, pp. 833-839; 1985
	DE	Nishimune, H. et al.; "Neurorescin: A Novel Neurite-outgrowth Factor Secreted by Muscle After Denervation"; <i>NeuroReport</i> ; vol. 8, pp. 3649-3654; 1997
	DF	Ochi, M. et al.; "Promotion of Sciatic Nerve Regeneration in Rats by a New Neurotrophic Pyrimidine Derivative MS-430"; <i>Gen. Pharmac.</i> ; vol. 26, no. 1, pp. 59-64; 1995
	DG	Mackinnon, S. E. et al.; "Clinical Nerve Reconstruction with a Bioabsorbable Polyglycolic Acid Tube"; <i>Plastic and Reconstructive Surgery</i> ; vol. 85, no. 3, pp. 419-424; 1990
	DH	Aebischer, P. et al.; "Regeneration of Transected Sciatic Nerves Through Semi-Permeable Nerve Guidance Channels"; <i>Trans Am Soc Artif Intern Organs</i> ; vol. XXXII, pp. 474-477; 1986
	DI	McDonald, J. W.; "Transplanted Embryonic Stem Cells Survive, Differentiate and Promote Recovery in Injured Rat Spinal Cord"; <i>Nature Medicine</i> ; vol. 5, no. 12, pp. 1410-1412; 1999
	DJ	Uyeda, A. et al.; "MDP77: A Novel Neurite-Outgrowth-Promoting Protein Predominantly Expressed in Chick Muscles"; <i>Biochemical and Biophysical Research Communications</i> ; vol. 269, pp. 564-569; 2000
	DK	Pu, L. et al.; "Effects of Nerve Growth Factor on Nerve Regeneration Through a Vein Graft Across a Gap"; <i>Plastic and Reconstructive Surgery</i> ; vol. 104, no. 5, pp. 1379-1385; 1999
	DL	Rosen, J. M. et al.; "Fascicular Tubulization: A Cellular Approach to Peripheral Nerve Repair"; <i>Annals of Plastic Surgery</i> ; vol. 11, no. 5, pp. 397-411; 1983
V	DM	Terada, N. et al. "Bioartificial Nerve Grafts Based on Absorbable Guiding Filament Structures - Early Observations"; <i>Scand J Plast Reconstr Hand Surg</i> ; vol. 31, pp. 1-6; 1997

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OTHER DOCUMENTS

Examiner's Initial		
/TN/	DN	Henderson, C. E. et al.; "Neurite Outgrowth from Embryonic Chicken Spinal Neurons is Promoted by Media Conditioned by Muscle Cells"; <i>Proc. Natl. Acad. Sci.</i> ; vol. 78, no. 4, pp. 2625-2629; 1981
	DO	Gibson, K. L. et al.; "Comparison of Sciatic Nerve Regeneration Through Silicone Tubes and Nerve Allografts"; <i>Microsurgery</i> ; vol. 10, pp. 126-129; 1989
	DP	Molander, H. et al.; "Nerve Repair Using a Polyglactin Tube and Nerve Graft: An Experimental Study in the Rabbit"; <i>Biomaterials</i> ; vol. 4, pp. 276-280; 1983
	DQ	Aebischer, P. et al.; "Blind-ended Semipermeable Guidance Channels Support Peripheral Nerve Regeneration in the Absence of a Distal Nerve Stump"; <i>Brain Research</i> ; vol 454, pp. 179-187; 1988
	DR	Lundborg, G. et al.; "Regeneration of Peripheral Nerve Through a Preformed Tissue Space. Preliminary Observations on the Reorganization of Regenerating Nerve Fibres and Perineurium"; <i>Brain Research</i> ; vol. 178, pp. 573-576; 1979
	DS	Lundborg, G. et al.; "Bioartificial Nerve Grafts"; <i>Scand J Plast Reconstr Hand Surg</i> ; vol. 30, pp. 105-110; 1996
	DT	Nyilas, E. et al.; "Synthetic Bioresorbable Polymers: I. Polyester and Polyester Composite Guidance Channels for Peripheral Nerve Repair"; <i>9th Annual Meeting of the Society for Biomaterials</i> ; 1983
	DU	Lee, G. et al.; "Experimental Study of a Nerve Guide-Tube Made from Dehydrothermally Treated Gelatin Application to Repair of Gap in Rat Sciatic Nerve"; <i>J. Artif. Organs. (Jinkoh Sohki)</i> ; vol. 22, no. 2, pp. 364-369; 1993
	DV	Sunderland, S.; "A Classification of Peripheral Nerve Injuries Producing Loss of Function"; <i>Brain</i> ; vol. 74, no. 4, pp. 491-516; 1951
	DW	Wakabayashi, Y. et al.; "Regeneration of Motor Nerve"; <i>Inflammation and Immunity</i> ; vol. 9, no. 3, pp. 271-277; 2001
	DX	Itoh, S. et al.; "Regeneration of Motion Nerve and Artificial Nerve"; <i>Modern Treatment</i> ; vol. 31, no. 12, pp. 115-123; 1999
	DY	Wakabayashi, Y. et al.; "Artificial Nerve for Regeneration of Motion Nerve"; <i>Clinical Neuroscience</i> ; vol. 18, no. 11, pp. 1280-1283; 2000
↓	DZ	Archibald, S. J. et al.; "A Collagen-Based Nerve Guide Conduit for Peripheral Nerve Repair: An Electrophysiological Study of Nerve Regeneration in Rodents and Nonhuman Primates"; <i>The Journal of Comparative Neurology</i> ; vol. 306, pp. 685-696; 1991

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	<p>Filing Date: August 18, 2005</p>	<p>Group: Unknown</p>

OTHER DOCUMENTS

Examiner's Initial		
/TN/	DAA	Itoh, S. et al.; "Synthetic Collagen Fibers Coated with a Synthetic Peptide Containing the YIGSR Sequence of Laminin to Promote Peripheral Nerve Regeneration <i>in vivo</i> "; <i>Journal of Materials Science: Materials in Medicine</i> ; vol. 10, pp. 129-134; 1999
	DBB	Tong, X. et al.; "Sciatic Nerve Regeneration Navigated by Laminin-Fibronectin Double Coated Biodegradable Collagen Grafts in Rats"; <i>Brain Research</i> , vol. 663, pp. 155-162; 1994
	DCC	Colin, W. et al.; "Nerve Regeneration Through Collagen Tubes"; <i>J. Dent. Res.</i> , vol. 63(7), pp. 987-993; 1984
	DDD	Itoh, S. et al.; "A Study on Induction of Nerve Regeneration Using Bioabsorbable Tubes"; <i>J. Jpn. Soc. Surg. Hand.</i> ; vol. 17(4), pp. 371-375; 2000
	DEE	Suzuki, K. et al.; "Development of PGA-Collagen Channel for Peripheral Nerve Regeneration-Functional Evaluation"; <i>Jpn. J. Artif. Organs</i> ; vol. 27(2), pp. 490-494; 1998
	DFF	Kiyotani, T. et al.; "Peripheral Nerve Regeneration in a PGA-Collagen Composite Tube"; <i>Jpn J. Artif. Organs</i> ; vol. 25(2), pp. 476-480; 1996
	DCC	Shimada, H. et al.; "Induction of Peripheral Nerve Regeneration Using Laminin-Fibronectin Double Coated Collagen Fiber Grafts"; <i>Jpn. J. Artif. Organs</i> ; vol. 22(2), pp. 359-363; 1993
↓	DHH	Kline, D. G. et al.; "The Use of a Resorbable Wrapper for Peripheral-Nerve Repair"; <i>Journal of Neurosurgery</i> ; vol. 21(9), pp. 737-750; 1964

<p>Examiner:</p> <p align="center">/Tuan Nguyen/</p>	<p>Date Considered:</p> <p align="center">08/01/2008</p>
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